

Title (en)

WIDE RANGE GAS DETECTION USING AN INFRARED GAS DETECTOR

Title (de)

BREITBAND-GASDETEKTION MIT EINEM INFRAROT-GASDETEKTOR

Title (fr)

DÉTECTION DE GAZ POLYVALENTE À L'AIDE D'UN DÉTECTEUR DE GAZ PAR INFRAROUGES

Publication

EP 3403087 B1 20200311 (EN)

Application

EP 17700135 A 20170106

Priority

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- EP 2017050268 W 20170106

Abstract (en)

[origin: EP3193166A1] Method for wide range gas detection using a gas detection system comprising a sample gas inlet (12), a reference gas inlet (14), a gas modulation valve (16) and a gas analyzer (24), wherein the gas modulation valve (16) alternately connects the sample gas inlet (12) to the gas analyzer (24) during a sample gas time period and the reference gas inlet (14) to the gas analyzer (24) during a reference gas time period, characterized in that the sample gas time period is shorter than the reference gas time period such that the sample gas concentration in the gas analyzer (24) is reduced.

IPC 8 full level

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CPC (source: EP US)

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